

# 15 W PATENT

### UNITED STATES PATENT AND TRADEMARK OFFICE

(Case No. 00-617-F)

IN THE APP	LICATION OF:	)		
Hefe	eneider et al.	)		
Serial No.	10/619,992	)	Examiner:	Ruixiang, Li
Filed:	July 15, 2003	)	Group Art Unit:	1646
Title	Mammalian DNA Binding Membrane-Associated Protein- Encoding Gene And Uses	)	Confirmation No.:	8235

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

### TRANSMITTAL LETTER

### Dear Madam/Sir:

In regard to the above identified application:

- 1. We are transmitting herewith the attached:
  - a. Information Disclosure Statement (including 55 cited references)
  - ь. PTO Form 1449
  - c. Return Receipt Postcard.
- 2. With respect to additional fees:
  - ☑ A check in the amount of \$180.00 in pursuant to 37 C.F.R. § 1.17(p)
- 3. Please charge any additional fees or credit overpayment to Deposit Account No.13-2490. A duplicate copy of this sheet is enclosed.
- 4. CERTIFICATE OF MAILING UNDER 37 CFR § 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described in paragraph 1 hereinabove, are being deposited with the United States Postal Service with

USSN 10/619,992 Atty. Docket No. 00-617-F

sufficient postage as first class in an envelope to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this day of December, 2005.

McDonnell Boehnen Hulbert & Berghoff LLP

Date: December \_\_\_\_\_, 2005

Michelle L. McMullen-Tack, Ph.D.

Reg. No. 52,016





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## INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment Commissioner of Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Pursuant to the duty of disclosure provided by 37 C.F.R. §1.56 and §§1.97-1.99, the applicants wish to make the following references of record in the aboveidentified application. This application is a divisional of U.S. Patent Application No. 09/921,099 filed August 1, 2001 and is relied upon for an earlier filing date under 35 U.S.C. § 120. Copies of the references are enclosed. Copies are also listed in the PTO-1449 form enclosed herewith. It is requested that the document be given careful consideration and that they be cited of record in the prosecution history of the present application so that they will appear on the face of the patent issuing from the present application.

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Fax: (312) 913-0002

USSN 10/619,992

Atty. Docket No.: 00-617-F

In accordance with Rule 37 CFR §1.98(d), those references marked with an

"\*" have been previously cited and submitted to the Patent and Trademark Office with

the prior applications and additional references are enclosed herein. All references

cited are also listed in the PTO-1449 form enclosed herewith.

The Office has waived the requirement under 37 CFR 1.98 (a)(2)(i) for

submitting a copy of each cited U.S. patent and each U.S. patent application

publication for all U.S. national patent applications filed after June 30, 2003 and for

all international applications that have entered the national stage under 35 USC § 371

after June 30, 2003. In accordance with this waiver, cited U.S. patents and U.S.

patent application publications marked with "\*" are not enclosed.

In the judgment of the undersigned, portions of the listed references may be

material to the Examiner's consideration of the presently pending claims.

statement is not a representation that the cited references have effective dates early

enough to be "prior art" within the meaning of 35 U.S.C. §§102 or 103.

This Information Disclosure Statement is being filed before the mailing date of

a final action, pursuant to 37 C.F.R. Section 1.97(c) and the fee set forth in Section

1.17(p), \$180.00, is enclosed herewith.

Please charge any underpayment or credit any overpayment in connection

with this communication to Deposit Account No. 13-2490. A duplicate copy of this

communication is enclosed for this purpose.

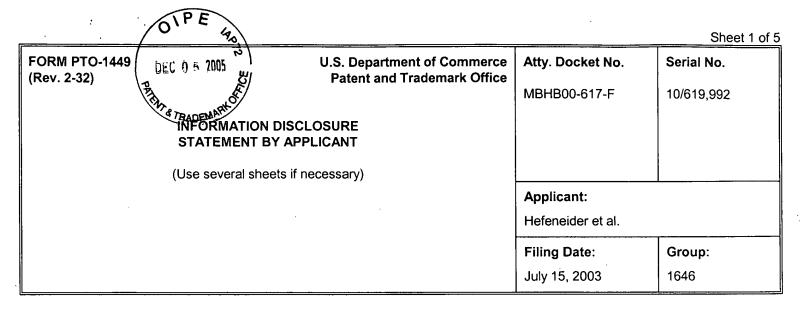
Respectfully submitted.

McDonnell Boehnen Hulbert & Berghoff LLP

Date: December \_\_\_\_\_, 2005

Michelle L. McMullen-Tack, Ph.D.

Registration No. 52,016



### **U.S. PATENT APPLICATION DOCUMENTS**

Examiner Initial		Document Number	Filing Date	Name	Class	Subclass	Publication Date if Appropriate
	*	60/222,624	08/01/00	Siess et al.			

#### **FOREIGN PATENT DOCUMENTS**

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Examiner Initials	į	Document Number	Date	Name	Class	Subclass		
							Yes	No
	1.	WO 01/34628	05/17/01	Ruben et al.				

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

Examiner Initials		Documents
	2.	Bennett et al., "DNA Binding to Human Leukocytes," Journal of Clinical Invest. 76:2182-2190 (1985)

	DATE CONCIDENCE
EXAMINER	DATE CONSIDERED
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Sheet 2 of 5

FORM PTO-1449 (Rev. 2-32)	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No.	Serial No.
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		July 15, 2003	1646

3.	Bennett et al., "Anti-DNA Antibodies React with DNA Expressed on the Surface of Monocytes and B Lymphocytes," The Journal of Rheumatology 13(4):679-685 (1986)
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7.	Bennett et al., "As Nature Intended? The Uptake of DNA and Oligonucleotides by Eukaryotic Cells," Antisense Research and Development 3(3):235-241 (1993)
8.	Bilton et al., "New treatment in adult cystic fibrosis," Journal of the Royal Society of Medicine 90:2-5 (1997)
9.	Bush et al., "Early Treatment With Dornase Alfa in Cystic Fibrosis: What Are the Issues?," Pediatric Pulmonology 25:79-82 (1998)
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15.	Gabor & Bennett, 1984, "Biochem Biophys. Res. Commun." <u>122</u> :1034-1039.
16.	Gasparro et al., "Cell Membrane DNA: A new target for Psoralen Photoadduct Formation," Photochemistry and Photobiology 52(2):315-321 (1990)
17.	Gene Bank Accession No. 2496825
18.	Gene Bank Accession No. 3878739
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23	Gene Bank Accession No. L42133
24	Gene Bank Accession No. U13397
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26	Gene Bank Accession No. X79066
27	Yakov Gluzman. "SV40-Transformed Simian Cells Support the Replication of Early SV40 Mutants," Cell 23:175-182 (1981)
28	Hefeneider et al., "Identification of a Cell-Surface DNA Receptor and Its Association with Systemic Lupus Erythematosus," The Journal of Investigative Dermatology 94(6):79S-84S (1990)
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33.	Henry et al., "Airway Inflammation After Treatment With Aerosolized Deoxyribonuclease in Cystic Fibrosis," Pediatric Pulmonology 26:97-100 (1998)
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43.	Siess et al., 2000 "Journal of Biological Chemistry", XP002205493 275(43):33655-33662.
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46.	Tang, et al., 2001 "Database Geneseq" Database Accession No. AAI59510, XP002205808.
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